

Best Brand. Best Products. Best Results.

PRODUCT CATALOG

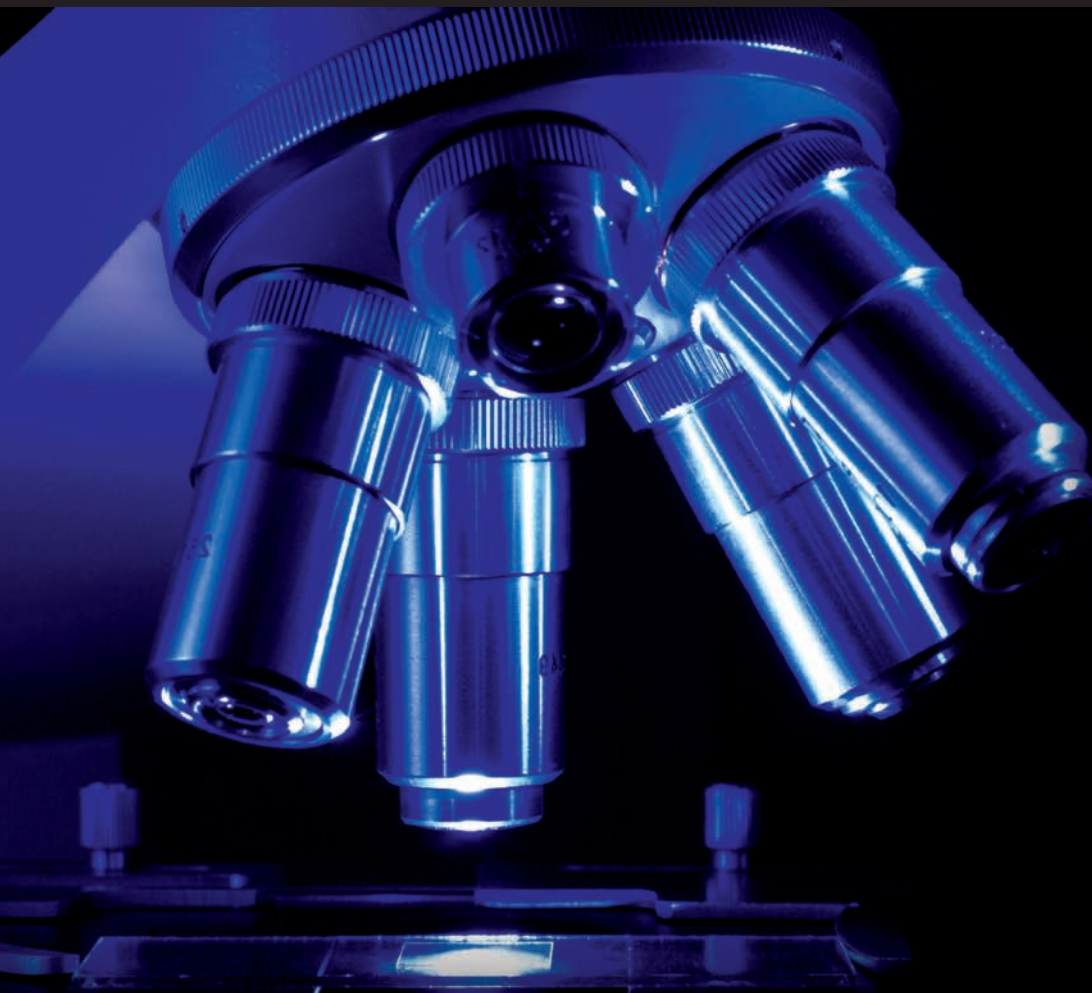


MEMBER OF **SGIA**, **SPTF**, & FOUNDING MEMBER OF **NASMA**

AN IKONICS COMPANY

ISO 9001 CERTIFIED

NASDAQ LISTED: IKNX



Chromaline Screen Print Products develops and manufactures a wide variety of stencil products, designed to help you make a high quality stencil. Chromaline products can be used for a multitude of printing applications. From textiles, to graphics, to electronics printing, we have a product that will help you get the results you need.

Chromaline has a variety of film and emulsion products, each providing unique benefits for your printing applications. Use the chart below to help determine the stencil system that is right for your next job.

DIRECT EMULSIONS

Direct emulsions make durable stencils because both the upper and lower surfaces of the screen are coated. However, the emulsion conforms to the mesh as it shrinks during drying, producing an uneven surface. Films routinely deliver better print quality than emulsions.

CAPILLARY AND INDIRECT FILMS

With films, the flatness on the lower surface of the screen assures excellent print fidelity. However, indirect films have only adequate durability because the upper surface of the mesh is not coated. Capillary films are more durable than indirect films because they penetrate and adhere deeply into the mesh.

DIRECT/INDIRECT FILMS

Direct/Indirect is a hybrid technology combining the best features of each stencil making technique. The Direct/Indirect system gives excellent durability because the mesh is totally encapsulated as with the direct emulsion method. The film, bonded to the print surface of the mesh by emulsion, keeps the print surface flat for excellent print fidelity, like capillary and indirect film methods.

	DIRECT/INDIRECT DIAZO		CAPILLARY FILMS DIAZO		DIRECT EMULSIONS DIAZO		INDIRECT PHOTOPOLYMER	
	DIAZO	PHOTOPOLYMER	DUAL CURE	PHOTOPOLYMER	DUAL CURE	PHOTOPOLYMER	PHOTOPOLYMER	PHOTOPOLYMER
Resolution/Line Detail	Excellent	Very Good	Excellent	Excellent	Very Good	Excellent	Excellent	Excellent
Screen to Screen	Excellent	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Excellent
Print Quality	Excellent	Very Good	Excellent	Excellent	Good	Very Good	Very Good	Excellent
Durability	Excellent	Very Good	Very Good	Very Good	Excellent	Excellent	Excellent	Fair
Ease of Use	Very Good	Excellent	Excellent	Excellent	Good	Good	Very Good	Very Good
Reclaimability	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Fast Exposing	Good	Good	Good	Very Good	Good	Good	Excellent	Excellent
Shelf Life	Excellent	Good	Good	Excellent	Good	Good	Excellent	Excellent

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DIAZO CAPILLARY FILM

Pro/Cap® Chromaline's economically priced, diazo based capillary film is a convenient, dependable performer with a reputation for producing trouble-free screens. The "workhorse" capillary film for use with UV, solvent-based and plastisol inks provides these additional benefits:

- Superior film penetration and adhesion
- Easy to use, easy to learn
- Excellent solvent resistance

Pro/Cap® TD pre-sensitized diazo capillary film is designed for compatibility with plastisol and solvent based inks. In addition to the normal benefits of capillary film, Pro/Cap TD provides these extra advantages:

- Low Rz
- Humidity Resistance

UNIVERSAL DUAL-CURE CAPILLARY FILM

Magna/Cure® capillary films are photopolymer/diazo based, dual cure photostencil systems which provide remarkable image quality and exceptionally durable stencils. America's first dual cure film system, for use with UV, plastisol, water-based and solvent-based inks.

Magna/Cure® pre-sensitized capillary film for printers demanding a premium quality stencil provides these additional benefits:

- Controlled stencil thickness
- Wide exposure latitude
- Easy developing

NEW PRODUCT

Razor® capillary films are pure photopolymer stencil systems which provide high resolution, image quality and excellent shelf life. Razor capillary film is designed for the printer requiring high quality printing.

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Film Thickness	15 & 18 microns (0.6 & 0.7 mil)	20 microns (.79 mil)	25 microns (1.0 mil)	30 microns (1.2 mil)	38 microns (1.5 mil)	50 microns (2.0 mil)	70 microns (2.8 mil)
Mesh Count/Inch (per cm)	380 & finer (150 & finer)	380 & finer (150 & finer)	305 & finer (120-150)	205-305 (81-120)	205-305 (81-120)	205 & coarser (81 & coarser)	76 & coarser (30 & coarser)
Heavy Deposit	Not Applicable	Not Applicable	Not Applicable	Adequate	Good	Excellent	Excellent
Apparel/T-Shirts	Halftones	Halftones	Halftones	Solid	Solid	Puff	Puff/Glitter
Four Color Process (per cm)	up to 150 line (59)	up to 150 line (59)	up to 120 line (47)	up to 100 line (39)	up to 100 line (39)	up to 100 line	Not Applicable
Banners	Adequate	Adequate	Excellent	Excellent	Good	Good	Good
Posters/Signs	Adequate	Adequate	Excellent	Excellent	Good	Good	Good
Decals	Excellent	Excellent	Excellent	Excellent	Good	Good	Not Applicable
Solder Mask	Not Applicable	Not Applicable	Good	Excellent	Good	Good	Adequate
Primary Imaging Nomenclature	Adequate	Adequate	Excellent	Excellent	Good	Good	Not Applicable
Bottles/Containers	Excellent	Excellent	Excellent	Excellent	Good	Good	Not Applicable
Glass Decorators	Excellent	Excellent	Excellent	Excellent	Good	Not Applicable	Not Applicable
Ceramic Decals	Excellent	Excellent	Excellent	Excellent	Good	Not Applicable	Not Applicable

Pro/Cap capillary films are available in 15, 18, 20, 25, 30, 38, and 50 micron film thicknesses, in rolls or custom cut sheets.

Magna/Cure capillary films are available in 18, 25, 30, 38, 50 and 70 micron film thicknesses, in rolls or custom cut sheets.

Razor capillary films are available in 15, 18, and 25 micron film thickness, in rolls or custom cut sheets.

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Product	Color	Sensitizer	Solvent	Plastisol	Water	UV	Storage Life	Mesh Range	Micron Thicknesses Available
Pro/Cap	Green	Diazo	XXX	XXX	0	XXX	18 months	Various	15, 18, 20, 25, 30, 38, & 50
Pro/Cap TD	Green	Diazo	XXX	XXX	0	XXX	18 months	Various	15, 18, 20, 25, 30, 38, & 50
Magna/Cure	Green	Dual Cure	XXX	XXX	0	XXX	18 months	Various	18, 25, 30, 38, 50, & 70
Razor	Green	Photopolymer	XXX	XXX	0	XXX	24 months	Various	15, 18, 25

XXX= excellent resistance XX= moderate resistance X= some resistance 0= no resistance

CHROMA/TECH® SUPER PHAT FILM FOR HEAVY DEPOSIT

Chromaline's SUPER PHAT film is the ideal choice for printers seeking heavy ink deposit in a variety of applications. SUPER PHAT film works well for textile printers working with high density inks. Electronics and industrial printers will appreciate SUPER PHAT film's ability to accomplish extreme stencil build-up.

- Fast exposures with excellent image quality
- Excellent build-up
- Fast drying - with no "orange peel" effect
- Extremely fast screen turn-around

SUGGESTED SUPER PHAT FILM PRINTING APPLICATIONS

Heavy deposit, Apparel/T-Shirt, Gasket, Solder Masks

SIZES AVAILABLE

100, 150, 200, 250, 300, 400 & 700* micron thicknesses, available in 26" x 7' rolls or sheets 17" x 24"—10 sheet boxes.

*700 micron available in 24" x 7' rolls & sheets.

Instructional CD available.

Suggested emulsion combinations:

UDC ACE, Chromatech/PL, UDC-HV



ChromaTech® SUPER PHAT film incorporates Chromaline's patented A.S.M.® (U.S. Patent 5,506,089, other patents pending) imaging technology for easier handling and better line edge definition. SUPER PHAT film is for use with plastisol, UV or solvent based inks.

Apparel/T-Shirts	Excellent
Solder Mask	Excellent
Motor Gasket	Excellent

SUPER PHAT is ideal for *high density* printing on garments. It also can be used for gasket printing and other industrial applications requiring heavy ink deposit.

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Product	Color	Sensitizer	Solvent	Plastisol	Water	UV	Storage Life	Mesh Range	Micron Thicknesses Available
SUPER PHAT	Clear	Photopolymer	XX	XXX	0	XX	24 months	43 cm & lower	100, 150, 200, 250, 300, 400, & 700

XXX= excellent resistance XX= moderate resistance X= some resistance 0= no resistance



REFLEX SR®

Reflex SR® is a presensitized, diazo-free, multi-layer film coated on a 50 micron, ultra high clarity polyester base. Reflex SR is a photopolymer, non-gelatin formulation. Reflex SR develops easily without the use of developing chemicals.

- Very fast exposing
- Extraordinary print quality
- For mesh counts 230(90cm) and finer
- Easy reclaimability, no enzymes needed

• SUGGESTED APPLICATIONS

Four Color Process, Posters/Signs, Decals, Glass Decorators, Ceramic Decals.



Reflex SR, applied using the indirect process, is available in rolls and custom cut sheets. Reflex SR is manufactured without the use of solvent-based materials.

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Product	Color	Sensitizer	Solvent	Water	UV	Storage Life	Mesh Range	Micron Thickness Available
Reflex SR	Red	Photopolymer	XXX	0	XXX	24 months	230 & higher	18

XXX= excellent resistance XX= moderate resistance X= some resistance 0= no resistance

DIRECT/INDIRECT STENCIL SYSTEM

DIRECT/INDIRECT is a two-part system developed and patented by Chromaline, consisting of a formulation-matched film and emulsion. The film assures excellent print quality, the emulsion assures excellent durability. The process is inherently stable with predictable results. Direct/Indirect is a fast, easy-to-use stencil system for use with UV, plastisol, and solvent-based inks.

Direct/Indirect film is available in five film thicknesses. Chromaline's D-2 Transfer Emulsion contains a special diazo sensitizer tailored for maximum performance. D-2 Transfer Emulsion is available in both quart and gallon sizes.

- Accurate, predictable stencil thickness control
- Excellent print quality
- Excellent durability
- Minimum screen to screen variance
- Maximum repeatability
- Fast, easy to learn, easy to use

SUGGESTED APPLICATIONS

Apparel/T-Shirts, Four Color Process, Thick Ink/Glitter, Banners, Posters/Signs, Decals, Solder Mask, Primary Imaging Nomenclature, Bottles/Containers, Glass Decorators, Ceramic Decals

SIZES AVAILABLE

Direct/Indirect films are available in rolls or custom-cut sheets.

D-2 Diazo Transfer Emulsion to be used with all Direct/Indirect films supplied in quarts and gallons. D-2 Transfer Emulsion has a shelf life of 4 to 6 weeks once sensitized.



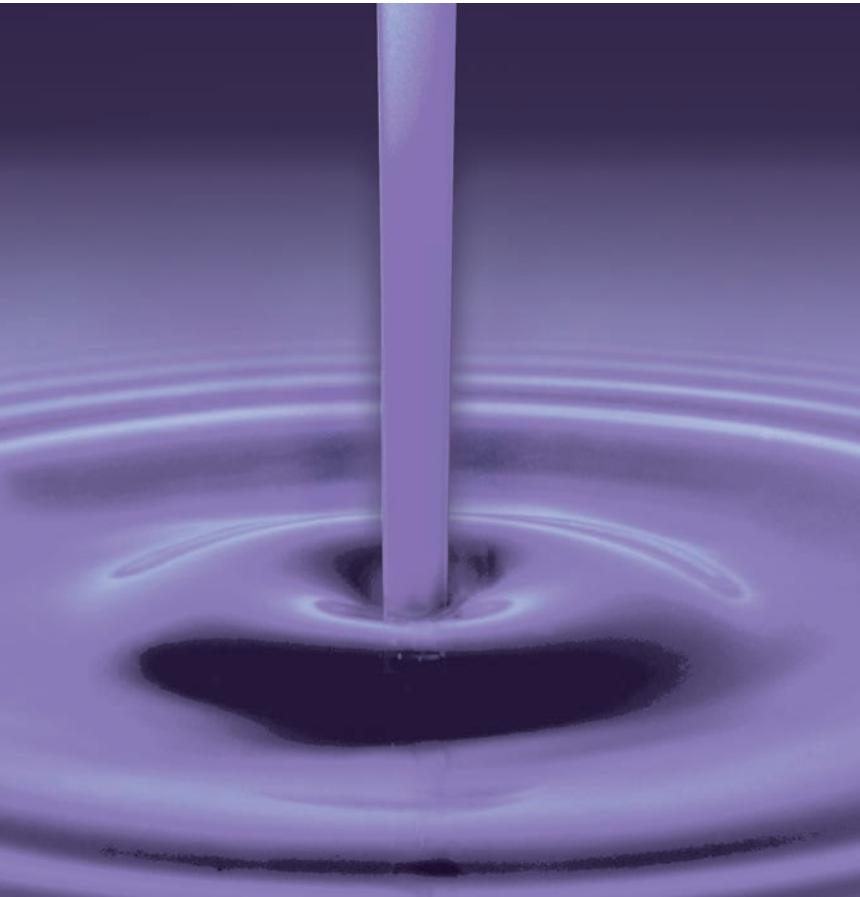
	D-50 VIOLET	D-75 VIOLET	A-100 BLUE	B-100 VIOLET	B-150 VIOLET	B-200 VIOLET
Film Thickness	13 microns	19 microns	25 microns	25 microns	38 microns	50 microns
Mesh Count/Inch (per cm)	280-420 (110-165)	230-330 (90-130)	140-280 (55-110)	140-280 (55-110)	150 & coarser (59 & coarser)	150 & coarser (59 & coarser)
Heavy Deposit	Not Applicable	Not Applicable	Adequate	Good	Good	Excellent
Apparel/T-Shirts	Halftones	Halftones	Solid	Solid	Puff	Puff/Glitter
Four Color Process (per cm)	up to 133 line (52)	up to 120 line (47)	up to 85 line (33)	up to 85 line (33)	Not Applicable	Not Applicable
Banners	Adequate	Good	Excellent	Excellent	Excellent	Good
Posters/Signs	Adequate	Good	Excellent	Excellent	Excellent	Good
Decals	Excellent	Excellent	Good	Good	Adequate	Adequate
Solder Mask	Not Applicable	Not Applicable	Excellent	Excellent	Excellent	Excellent
Primary Imaging Nomenclature	Excellent	Excellent	Excellent	Excellent	Good	Not Applicable
Bottles/Containers	Excellent	Excellent	Good	Good	Adequate	Not Applicable
Glass Decorators	Excellent	Excellent	Good	Good	Not Applicable	Not Applicable
Ceramic Decals	Excellent	Excellent	Good	Good	Not Applicable	Not Applicable

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Product	Color	Sensitizer	Solvent	Plastisol	Water	UV	Unsensitized Film Life	Mesh Range	Micron Thicknesses Avail.
Direct/Indirect	Violet/Blue	Diazo	XXX	XXX	0	XXX	60 months	Various	13, 19, 25, 38, & 50

XXX= excellent resistance XX= moderate resistance X= some resistance 0= no resistance

DIAZO DIRECT EMULSION



CP2™

CP2™ emulsion is Chromaline's economically priced, diazo based emulsion for small textile and graphics shops. CP2 is a dependable, hardworking performer with a reputation for producing trouble-free screens. CP2 is an excellent choice for printers using solvent, UV or plastisol inks.

- Shoots fast with high resolution
- Durable, yet easily reclaimable
- Excellent solvent resistance

SUGGESTED APPLICATIONS FOR CP2: Apparel/T-Shirts, Four Color Process, Banners, Posters/Signs, Decals, Primary Imaging Nomenclature, Bottles/Containers, Glass Decorators, Ceramic Decals

SIZES AVAILABLE: Quarts, Gallons, 3.5 Gallons and 50 gallon drums.

NEW PRODUCT

CP TEX

CP Tex is an excellent choice for printers using water based and plastisol inks.

- Shoots fast with high resolution
- Extremely durable, yet reclaimable with high pressure water
- Excellent water resistance
- High solids content (42% sensitized)
- Excellent coatability on a variety of mesh counts

SIZES AVAILABLE:

Gallon, 3.5 gallon, and 50 gallon drums.

BEST BRAND. BEST EMULSIONS. BEST RESULTS.

	CP2	CP TEX
Heavy Deposit	Adequate	Good
Apparel/T-Shirts	Good	Good
Four Color Process	Adequate	Good
Thick Ink/Glitter	Adequate	Good
Banners	Excellent	Not Applicable
Posters/Signs	Excellent	Not Applicable
Decals	Excellent	Not Applicable
Solder Mask	Good	Not Applicable
Primary Imaging Nomenclature	Good	Not Applicable
Bottles/Containers	Good	Not Applicable
Glass Decorators	Good	Not Applicable
Ceramic Decals	Good	Not Applicable



Product	Color	Sensitized Solids	Sensitizer	Sensitized Viscosity	Solvent	Plastisol	Water	UV	Unsensitized Life	Sensitized Life	Mesh Range
CP2	Violet	21.3%	Diazo	7700 CPS	XXX	XXX	0	XXX	18 months	4 to 6 weeks	156 (61 cm) & higher
CP Tex	Lt. Violet	42%	Diazo	4300 CPS	X	XXX	XXX	XX	18 months	3 to 4 weeks	83 (32 cm) & higher

XXX= excellent resistance XX= moderate resistance X= some resistance 0= no resistance

MAGNA/CURE®

Chromaline's Magna/Cure® direct emulsions are photopolymer/diazo based, dual cure photostencil systems which provide remarkable image quality and exceptionally durable stencils. These are premium emulsions for use with UV, plastisol, water-based and solvent-based inks.

UDC-HV

UDC-HV high viscosity emulsion allows for easy coating on low or high mesh counts while offering the resistance and durability of a dual cure emulsion. UDC-HV is an excellent choice when it comes to quality and value.

- Fast exposing with excellent image quality
- Superior mesh adhesion

UDC-2

UDC-2 provides the perfect combination of price and performance. With superior exposure speed, latitude and moderate water resistance, UDC-2 is the ideal selection for printers in nearly every category.

- Excellent definition and line edge
- Highest build-up proud of mesh with low Rz values

UDC-ACE

UDC-ACE is a universal emulsion designed to offer excellent resistance in any imaging application. UDC-ACE offers the following benefits:

- Works well as an automatic coating emulsion
- Outstanding resistance to aggressive water and solvent based inks and adhesives
- Extreme durability; withstands long print runs
- Heat and humidity resistance

SPIKE UDC-420D

Spike UDC-420D, designed to optimize at the 420 spectral point, allows fast, accurate exposure. Spike UDC-420D allows easy coating on low or high mesh counts while offering the resistance and durability of a dual-cure emulsion.

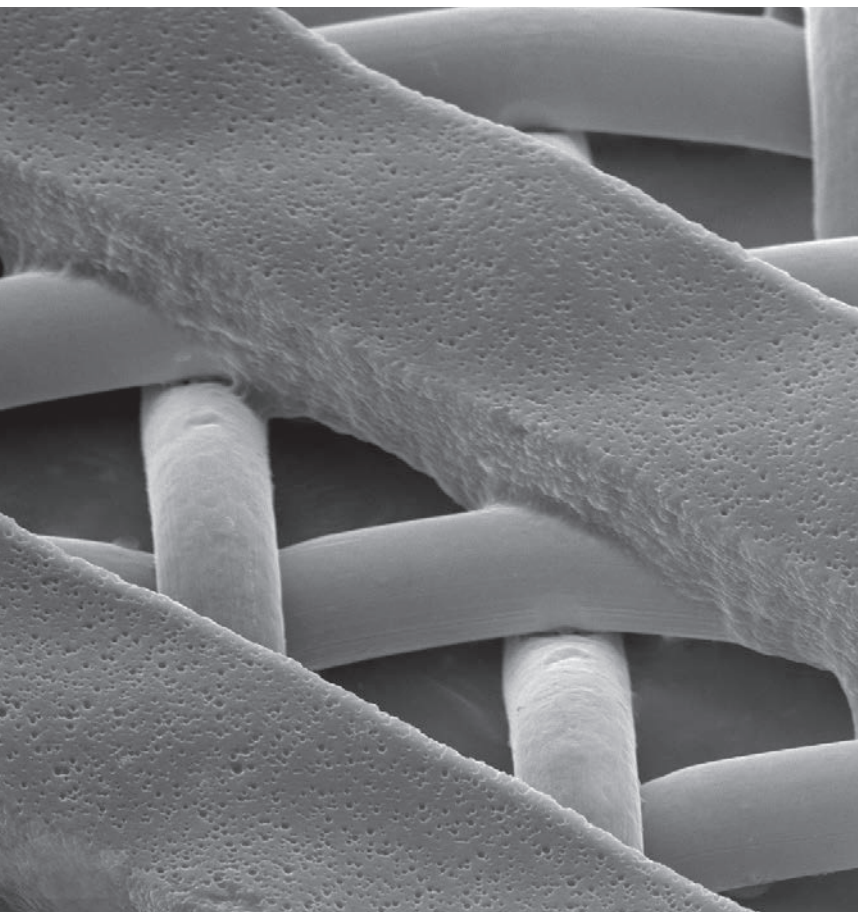
- Fast exposing with excellent image quality
- Superior mesh adhesion



BEST BRAND. BEST EMULSIONS. BEST RESULTS.

Product	Color	Sensitized Solids	Sensitizer	Sensitized Viscosity	Solvent	Plastisol	Water	UV	Unsensitized Life	Sensitized Life	Mesh Range
UDC-HV	Purple	35.6%	Dual Cure	5400 CPS	XXX	XXX	X	XXX	18 months	4 to 6 weeks	74 (29 cm) & higher
UDC-2	Aqua	36%	Dual Cure	3500 CPS	XXX	XXX	XX	XXX	18 months	4 to 6 weeks	74 (29 cm) & higher
UDC-ACE	Aqua	37.58%	Dual Cure	5000 CPS	XXX	XXX	XXX	XXX	18 months	4 to 6 weeks	74 (29 cm) & higher
UDC-420D	Purple	36%	Dual Cure	5400 CPS	XXX	XXX	XX	XXX	18 months	4 to 6 weeks	74 (29 cm) & higher

XXX= excellent resistance XX= moderate resistance X= some resistance



MAX-R

MAX-R emulsion is a true universal emulsion designed for the broadest range of applications. MAX-R offers outstanding resistance to all ink types including water, solvent, co-solvent, UV and plastisol based inks.

- Durability to withstand extremely long print runs
- Extraordinary exposure latitude and extremely fast exposures
- Works effectively in hot and/or humid conditions

RAZOR™

RAZOR™ comes in two viscosity levels—RAZOR™ 8X and RAZOR™ 12X, referring to moderate and super-high viscosity, respectively. The products share the features noted and both accommodate solvent, UV and plastisol ink applications.

- Small particle size
- Superb line edge definition
- Excellent resolution capabilities

SUGGESTED APPLICATIONS

Heavy Deposit, Apparel/T-Shirts, Four Color Process, Thick Ink/Glitter, Banners, Posters/Signs, Decals, Solder Mask, Primary Imaging Nomenclature, Bottles/Containers, Glass Decorators, Ceramic Decals

SIZES AVAILABLE:

Quarts, Gallons, 3.5 Gallons and 50 gallon drums.

BEST BRAND. BEST EMULSIONS. BEST RESULTS.

Product	Color	Sensitized Solids	Sensitizer	Sensitized Viscosity	Solvent	Plastisol	Water	UV	Unsensitized Life	Sensitized Life	Mesh Range
MAX-R	Aqua	37%	Dual Cure	5000 CPS	XX	XXX	XXX	XXX	18 months	4 to 6 weeks	74 (29 cm) & higher
Razor 8X	Green	30%	Diazo	6000 CPS	XXX	XXX	0	XXX	18 months	4 to 6 weeks	230 (90 cm) & higher
Razor 12X	Green	32%	Diazo	12,000 CPS	XXX	XXX	0	XXX	18 months	4 to 6 weeks	55 (21 cm) & higher

XXX= excellent resistance XX= moderate resistance X= some resistance

NEW PRODUCT

CT-R

Pure photopolymer direct emulsion designed exclusively for plastisol inks.

- No mixing
- Very fast exposing, fast drying
- Superior mesh bridging
- Excellent reclaimability
- High solids—lower cost per screen

NEW PRODUCT

DIRECT TO SCREEN™ Z1

Direct to Screen Z1 emulsion is designed for use with direct to screen applications. Direct to Screen provides these additional benefits:

- Excellent mesh bridging
- Sharp image quality
- Resistance to UV and solvent inks
- Can be used for direct projection

NEW PRODUCT

CHROMABLUE®

ChromaBlue is for use with plastisol inks and is ideally suited for textile printers using direct emulsions who are seeking faster screen turnaround without sacrificing image quality.

- Very fast exposing
- Fast drying
- Superior mesh bridging
- Excellent reclaimability
- High solids — lower cost per screen



BEST BRAND. BEST EMULSIONS. BEST RESULTS.

Product	Color	Solids	Sensitizer	Sensitized Viscosity	Solvent	Plastisol	Water	UV	Sensitized Life	Mesh Range
CT - R	Red	50%	Photopolymer	6000 CPS	X	XXX	0	XX	24 months	74 (29 cm) & higher
Direct to Screen Z1	Violet	40%	Photopolymer	7500 CPS	XXX	XXX	0	XXX	24 months	305 (120 cm) & higher
ChromaBlue	Blue	50%	Photopolymer	6000 CPS	X	XXX	0	XX	24 months	74 (29 cm) & higher

XXX= excellent resistance XX= moderate resistance X= some resistance 0= no resistance



CHROMA/TECH® AND SPIKE CT-420D

Chroma/Tech® and SPIKE CT-420D photopolymer direct emulsions are very fast exposing, fast drying, diazo free and require no mixing.

CHROMA/TECH® PL

Chroma/Tech® PL is the “textile emulsion” for plastisol inks. High solids give good build-up with fewer coats.

- Designed exclusively for plastisol inks
- High solids for fast coating build-up and quick drying
- Excellent reclaimability, no lock-in

CHROMA/TECH® PL-2

Chroma/Tech® PL-2 is the “textile emulsion” for plastisol inks. This pure photopolymer emulsion is ideal for textile printers seeking accuracy for fine detail work, halftones and four color process work.

- Fast exposing with excellent image quality
- Excellent coating on high mesh counts

SPIKE CT-420D

Spike CT-420D photopolymer emulsion is designed to optimize at the 420 spectral point, allowing for fast, accurate exposure.

- Very fast exposing, fast drying
- High solids— lower cost per screen

CHROMA/TECH® SR

Chroma/Tech® SR designed as a graphics emulsion, offers both graphics and textile shops a quality of imaging often found only in dual cure products.

- For use with solvent, plastisol and UV inks
- Excellent imaging, extraordinary definition
- Ideal for demanding four color process work

SIZES AVAILABLE: Quarts, Gallons, 3.5 Gallons and 50 gallon drums.

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	SR	DIRECT TO SCREEN	PL	PL-2
Heavy Deposit	Good	Not Applicable	Excellent	Good
Apparel/T-Shirts	Excellent	Not Applicable	Excellent	Excellent
Four Color Process	Excellent	Excellent	Good	Excellent
Thick Ink/Glitter	Good	Not Applicable	Excellent	Good
Banners	Excellent	Not Applicable	Not Applicable	Not Applicable
Posters/Signs	Excellent	Excellent	Not Applicable	Not Applicable
Decals	Good	Not Applicable	Not Applicable	Not Applicable
Solder Mask	Good	Not Applicable	Not Applicable	Not Applicable
Primary Imaging Nomenclature	Good	Not Applicable	Not Applicable	Not Applicable
Bottles/Containers	Good	Not Applicable	Not Applicable	Not Applicable
Glass Decorators	Good	Not Applicable	Not Applicable	Not Applicable
Ceramic Decals	Good	Not Applicable	Not Applicable	Not Applicable

Product	Color	Solids	Sensitizer	Sensitized Viscosity	Solvent	Plastisol	Water	UV	Sensitized Life	Mesh Range
PL	Aqua	50%	Photopolymer	6000 CPS	0	XXX	0	XXX	24 months	74 (29 cm) & higher
PL-2	Purple	42%	Photopolymer	3800 CPS	0	XXX	0	XXX	24 months	110 (43 cm) & higher
CT-420	Red	48%	Photopolymer	6000 CPS	0	XXX	0	XXX	24 months	74 (29 cm) & higher
SR	Red	35%	Photopolymer	5000 CPS	XXX	XXX	0	XXX	24 months	230 (90 cm) & higher

CHROMA/CLEAN™ MESH DEGREASER

- Lathers quickly, works fast
- Helps reduce pinholes and fisheyes

CHROMA/BRADE™ MESH ABRADER/DEGREASER

- Gel formula abrades evenly
- Safer than powders

CHROMA/WET™ WETTING AGENT

- Enhances capillary film adhesion
- Holds water in mesh for uniform application

CHROMA/SET™ EMULSION HARDENER

- Fights humidity, extends stencil life
- Short cure time, fast & effective

SCREEN WASHES

CHROMA/SCREEN WASH 920

All-purpose. For removing nearly all ink types. Contains ink degradant and degreasing agents.

CHROMA/SCREEN WASH 927

All-purpose

CHROMA/SCREEN WASH 6050

Slow evaporating. Great for graphic applications. Leaves no residue.

CHROMA/SCREEN WASH 730

Plastisols and water-based inks.

CHROMA/CITRA-KLEAN 2000

Citrus based textile screen wash.

NEW PRODUCTS

SPECIALTY COATINGS AND ADHESIVES

CHROMA/PREMASK 3020 PD

Screenable protective coating. Dyed and supplied in standard viscosity.

TEXTAC

Pallet adhesive for holding garments in place during printing and for embroidery.

SP 283

Water-based, screenable, permanent pressure sensitive adhesive

SP 310

Water-based, screenable, repositionable adhesive

SP 491

Screenable heat activated adhesive

ON-PRESS CLEANERS

CHROMA/PRESS WASH 450

Evaporative, containing some citrus solvent. For use on textile and graphic inks.

CHROMA/PRESS WASH 470

Fast evaporating product for graphic inks and solder-mask products.

CHROMA/PRESS WASH 495

Multi-purpose, fast evaporating product.

CHROMA/MILLENNIA CLEAN

All-purpose evaporative cleaner for use in process or a final clean. Good on all types of ink.

BLOCK OUTS

Water based blockouts designed to be used with plastisol, solvent and UV inks.

CHROMA/BLOCK OUT 750

Heavy duty (several thousand plus run)

CHROMA/FILL™ RED SCREEN BLOCKOUT

- Coats smoothly, dries fast
- For use with solvent-based, UV and plastisol inks

STENCIL REMOVERS

CHROMA/STENCIL REMOVER 100

Crystalline product mixes with water. Contains degreasers.

CHROMA/STRIP™ SCREEN RECLAIMER

- Doesn't settle, no mixing required
- Works fast

CHROMA/STRIP™ CONCENTRATE

- Doesn't settle, mix with 2 parts water
- High concentration of active ingredients

CHROMA/STENCIL REMOVER 285

Highly concentrated liquid to be diluted with 20-40 parts water.

STAIN REMOVERS

CHROMA/STAIN REMOVER 560 RED

A gel consistency, regular use will reduce/eliminate ink residue or haze in mesh. Contains degreasers.

CHROMA/STAIN REMOVER 560AD

Stain removing capability with mild abrasive additives for tougher stains.

CHROMA/HAZE™ HAZE REMOVER

- Removes haze and ghost images
- Very low odor; does not separate



BEST BRAND. BEST INKJET MEDIA. BEST RESULTS.

SIZE	FORMAT
8.5" x 11"	100 sheets
11" x 17"	100 sheets
13" x 19"	100 sheets
14" x 100'	Roll
17" x 100'	Roll
24" x 100'	Roll
36" x 100'	Roll
42" x 100'	Roll
60" x 100'	Roll

ACCUINK™

Dye Based, Photoblack Ink System

Introducing AccuInk™ dye based inkjet cartridges for producing artwork positives engineered specifically for use with Chromaline's line of industry leading AccuArt™ films. AccuInk™ is compatible with Epson 4800, 7800, and 9800 printers.

NEW PRODUCT

ACCUART™ 3

Premium Water-Resistant Inkjet Film for Pigment and Dye Based Ink.

New AccuArt™ 3 is premium, water-resistant inkjet media for the production of high-quality photopositives and photonegatives. New AccuArt™ 3 accommodates pigment or dye-based ink systems, including the all-new UltraChrome™ K3 inks from Epson®.

- Prints with pigment and dye-based inks
- Excellent density & clarity—
DMAX up to 4.0, DMIN .12
- Fast Drying

NEW PRODUCT

ACCUBLACK™

Water-Resistant Inkjet Film for Pigment and Dye Based Ink.

AccuBlack™ water-resistant inkjet film is specifically engineered for the creation of super-quality film positives and negatives—the perfect media for production settings where artwork positives and negatives need to be used repeatedly.

- For use with dye-based inks and some pigment inks
- Great density & clarity—DMAX up to 4.2, DMIN .10
- Fast Drying

ACCUMARK™

Inkjet Film for Dye Based Ink.

AccuMark™ inkjet media is the perfect combination of function and economy. This film offers clarity and translucency far surpassing vellum, with excellent stability at a fraction of the cost of other inkjet films.

- For use with dye-based inks only
- Good density & clarity—DMAX up to 3.0, DMIN .10

ACCUFAST™

Water-Resistant Inkjet Film for Pigment and Dye Based Ink.

AccuFast™ is high quality photopositive film, universally receptive to both dye and pigment ink. Engineered to accommodate the most popular RIPS, AccuFast will accept heavy ink loads, resulting in high density positives and negatives.

- For use with dye-based and pigment based inks
- Good density & clarity—DMAX up to 3.5, DMIN .10

TROUBLESHOOTING WALL CHART

Chromaline's troubleshooting chart is a colorful, easy to follow guide to all aspects of problem solving in the screen room.

Attractive 22" x 32" full color wall chart printed on durable water-resistant plastic paper provides accurate, concise troubleshooting information on screen making. Easy to read, easy to use.

Also available in French, German, and Spanish.

THE CHROMALINE EXPOSURE CALCULATOR

Chromaline's exposure calculator eliminates miscalculated exposure time with three kinds of quality checks. An easy, user friendly tool for the novice and the advanced screen maker.

Designed to help determine correct exposure time, print quality check and halftone tests. Instructions are easy to understand and very complete.

DISTRIBUTOR MARKETING PARTNERSHIP PROGRAM

The Chromaline Marketing Partnership Program details the activities that our distributors are entitled to (ranging from product training to literature, co-op promotions, and trade show support). The objective is to work together to help you achieve your sales goals.

SUPER PHAT FILM INSTRUCTIONAL CD

Instructional CD designed to teach the basics of working with Chromaline Super PHAT film.

INSTRUCTIONAL VIDEOS AVAILABLE

Contact us for more information.

HELP WHEN YOU NEED IT

Phone: 218-628-2217

Toll Free: 800-328-4261

www.chromaline.com

Member of SGIA, SPTF, & NASMA



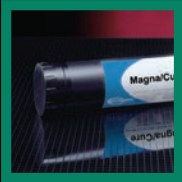
TROUBLESHOOTING

WASHOUT BREAKDOWN (LOSS OF ADHESION DURING DEVELOPING)	
Inadequate or repeated exposure	ALL - Use Chromaline Exposure Calculator to determine proper exposure time and light source performance.
Exposure meter present and/or reading	ALL - Remove water pressure and/or use of water.
More than one exposure for the same area	ALL - Use 100% D59 or 100% D65 Chromaline film for exposure.
Improper adhesion of quality film	CARLARYFILM - Use Chromaline Super PHAT film. Do not use other brands. Exposure properly with Chromaline Super PHAT film.
Exposure unit has inadequate resolution	CARET/INJECT - Also check with resolution analyzer. Allow 10 minutes to stabilize in clean (distilled) water before placing resolution target in or out of exposure.
Screen not dry enough for exposure	ALL - Follow drying instructions. Screen dry recommended in drying area.
Photoemitter malfunctions film or emulsion	ALL - Use proper emulsion and lighting in screen making area. Dry screen in total darkness. Check for further emulsion problems.
Flux coating methods	SEE SECTION DIRECTION/INJECT - Check each guide for coating instructions. Use proper technique.
SCUMMING OR HAZE	
Exposure unit and/or washout unit running steps	ALL - Increase exposure and/or washout unit running steps. Use seal water to back out the water and emulsion.
Exposure unit not clean	ALL - Use distilled water to clean film to prevent soluble formula.
Exposure unit not properly calibrated	ALL - Check quality of powder. Check exposure time for complete contact in all areas of screen.
Flux position and control	ALL - Use proper emulsion and lighting in screen making area. Dry screen in total darkness. Check for further emulsion problems.
Light meter	ALL - Use light to find bad or reduce exposure.
WEAK STENCIL	
Overexposure	ALL - Increase exposure to the "Chromaline Exposure Calculator" to determine proper exposure time and light source performance. Use staggered side of stencil during washout. If flats strip or you get other or poor light, screen is underexposed.
Film too thin or weak stock	DIRECTION/INJECT - Check each guide for proper film thickness.
Emulsion not on the film	EMULSION - Apply a different coat or pre-rinse after or add drying or use higher solids emulsion.
Screen not dry for exposure	ALL - Follow drying instructions. Use proper emulsion and lighting.
Single mesh	ALL - Use emulsion recommended by mesh manufacturer.
Double mesh or more	ALL - Check each guide for emulsion recommendations for mesh used.
Flux application and use of emulsion	ALL - Check each guide for emulsion recommendations for mesh used.
WASHOUT DIFFICULT (during development)	
Overexposure	ALL - Increase exposure to the "Chromaline Exposure Calculator" to determine proper exposure time and light source performance. Use staggered side of stencil during washout. If flats strip or you get other or poor light, screen is underexposed.
Emulsion not on the film	EMULSION - Apply a different coat or pre-rinse after or add drying or use higher solids emulsion.
Screen not dry for exposure	ALL - Follow drying instructions. Use proper emulsion and lighting.
Flux position and control	ALL - Use proper emulsion and lighting in screen making area. Dry screen in total darkness. Check for further emulsion problems.
Flux position	ALL - Check density in storage quality emulsion of positive emulsion in contact with distal emulsion.
POOR IMAGE (sawtooth)	
Overexposure	ALL - Increase exposure to the "Chromaline Exposure Calculator" to determine proper exposure time and light source performance.
Exposure unit not clean	ALL - Use proper emulsion and lighting in screen making area. Dry screen in total darkness. Check for further emulsion problems.
Flux position	ALL - Check density in storage quality emulsion of positive emulsion in contact with distal emulsion.
Flux position and control	ALL - Use proper emulsion and lighting in screen making area. Dry screen in total darkness. Check for further emulsion problems.
Flux position	ALL - Check density in storage quality emulsion of positive emulsion in contact with distal emulsion.
PINHOLES	
Overexposure	ALL - Increase exposure to the "Chromaline Exposure Calculator" to determine proper exposure time and light source performance. Use staggered side of stencil during washout. If flats strip or you get other or poor light, screen is underexposed.
Emulsion not on the film	EMULSION - Apply a different coat or pre-rinse after or add drying or use higher solids emulsion.
Screen not dry for exposure	ALL - Follow drying instructions. Use proper emulsion and lighting.
Flux position	ALL - Check density in storage quality emulsion of positive emulsion in contact with distal emulsion.
Flux position and control	ALL - Use proper emulsion and lighting in screen making area. Dry screen in total darkness. Check for further emulsion problems.
Flux position	ALL - Check density in storage quality emulsion of positive emulsion in contact with distal emulsion.
UNDERCUTTING	
Overexposure	ALL - Increase exposure to the "Chromaline Exposure Calculator" to determine proper exposure time and light source performance.
Exposure unit not clean	ALL - Use proper emulsion and lighting in screen making area. Dry screen in total darkness. Check for further emulsion problems.
Flux position	ALL - Check density in storage quality emulsion of positive emulsion in contact with distal emulsion.
Flux position and control	ALL - Use proper emulsion and lighting in screen making area. Dry screen in total darkness. Check for further emulsion problems.
Flux position	ALL - Check density in storage quality emulsion of positive emulsion in contact with distal emulsion.

HELP WHEN YOU NEED IT 1-800-328-4261

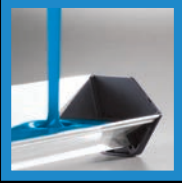
CHROMALINE

BEST BRAND. BEST PRODUCTS. BEST RESULTS.



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EMULSIONS

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SCREEN CHEMICALS

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INKJET MEDIA

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TECHNICAL & TRAINING TOOLS

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